

HONDA MOTOR CO., LTD.

EXECUTIVE ORDER U-M-003-0188

New Emission-Compliant
All-Terrain Vehicles Certified Using The
Optional Engine Test Procedure

Pursuant to the authority vested in the Air Resources Board by the Health and Safety Code, Division 26, Part 5, Chapters 1 and 2; and

Pursuant to the authority vested in the undersigned by Health and Safety Code Sections 39515 and 39516 and Executive Order G-02-003;

IT IS ORDERED AND RESOLVED: That the engine and exhaust emission control system produced by the manufacturer are certified as described below for all-terrain vehicles. Production vehicles, and engines that power such vehicles, shall be in all material respects the same as those for which certification is granted. The manufacturer shall ensure that character "C" or "3" is not used in the eighth (8th) position of the vehicle identification number (VIN) of all vehicles in the engine family listed below. Violation of this VIN provision may result in incorrect registration of the vehicles.

MODEL YEAR	ENGINE FAMILY	ENGINE DISPLACEMENT (cc)	VEHICLE TYPE	FUEL TYPE	SPECIAL FEATURES & EMISSION CONTROL SYSTEMS
2007	7HNXX0.48AR1	475	ATV	Gasoline	OC g catalyst WUTWC/WUOC=warm-up TWC/OC
VEHIC	LE MODELS /	tion DFI=direct fuel injection 1	C/SC=turbo/super charger	CAC=charge air coc	ng catalyst WUTWC/WUOC=warm-up TWC/OC R MFi≃multi port fuel injection SFi≃sequential oler 2 (prefix)≐parallel (2) (suffix)≕in series
ENG (rated e	INE CODES ngine power in		TRX500FM TRX500FE	/ 75M1 (26.9 h / 75M2 (26.9 h	np) m)
nors	epower, hp)			\	F,

The following are the exhaust hydrocarbon plus oxides of nitrogen (HC+NOx) and carbon monoxide (CO) standards, or designated HC+NOx standard as applicable, and certification levels in grams per brake horsepower-hour (g/bhp-hr) for this engine family. The designated HC+NOx standard, as applicable, shall be displayed on the permanent emission control label. Vehicles within this engine family, and engines that power such vehicles, shall not discharge any crankcase emissions into the ambient atmosphere in conformance with Title 13, California Code of Regulations, (13 CCR) Section 2412(i).

00000	HC+NOx	(g/bhp-hr)		CO (g		
CORPORATE AVERAGE STANDARD	DESIGNATED STANDARD	(DIRECT) STANDARD	CERTIFICATION LEVEL	STANDARD	CERTIFICATION LEVEL	* = not applicable
*	*	10.0	5.2	300	183	

BE IT FURTHER RESOLVED: That pursuant to 13 CCR Section 2412(e), the listed vehicles, and engines that power such vehicles, were tested in accordance with the incorporated small off-road engine test procedures, and have demonstrated compliance with the applicable emission standards.

BE IT FURTHER RESOLVED: That certification to the designated HC+NOx standard listed above, as applicable, is subject to the following terms, limitations and conditions:

The designated standard shall be the exhaust limit for this engine family for the model year and cannot be changed by the manufacturer. It serves as the exhaust standard applicable to this engine family for determining engine family compliance, and compliance with the corporate average HC+NOx standard in accordance with 13 CCR Sections 2412(b), (d) and (e) and 2414.

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall be subject to 13 CCR Section 2414 (enforcement and recall provisions).

BE IT FURTHER RESOLVED: That the listed vehicles, and engines that power such vehicles, shall comply with 13 CCR Sections 1965 and 2413 (emission control labels).

Vehicles, and engines that power such vehicles, certified under this Executive Order must conform to all applicable California emission regulations.

This Executive Order is only granted to the engine family and model-year listed above. Vehicles, and engines that power such vehicles, in this family that are produced for any other model-year are not covered by this Executive Order.

Executed at El Monte, California on this ______ day of May 2006.

en Lyons, Chief الكريم

Mobile Source Operations Division

CERTIFICATION SUMMARY



EMISSION COMPLIANT OFF-ROAD MCs & ATVs

	y: ATVE		•						
All Sales Codes	within Eng	gine Family:	<u>50S</u>						
All Engine Disp	acement(s	i) in Engine	ramily(units i	n cubic cent	imeters, (cc))	i.			
1) 475	2)	3)	4)						
Emission Stand	ards Comr	oliance: DS	SC .		ļ				
If Corporate Aver				 f	or				
Engine Design:			<u> </u>			— Emission Co	ontrol System	s (ECS):	
. Combustion Cycle):		Four-stroke		er treatment(s)C)	
@ Oil / Fuel R		N/A		b. Sensor(s):			*		
. Engine Type:	Reciprocatin	g c. Fue	c. Fuel System:			CARB			
. Valve train:	1011	****	Overhead		d. Exhaust Gas Recirculation:			*	
. Total Number of Inta			2		thod of Aspira			NAT	
Valves (ports)			ļ		f. Air Injection Reaction:			*	
Type of Engine Co Number of Cylinde			Air 1	g. Oth	ers:				
. Cylinder Arrangen									
Oylinder Arrangen	TOTIC.		<u> </u>		•			•	
Deterioration Fa	ctors (DFs) : a. New Dເ	ırability Testin	g : <u>NO</u>	; Carryove	r from EF: <u>6</u>	HNXX0.48AR [*]	<u>1;</u>	
Certification Tes Test Vehicle or En	-				•	_	nily: <u>6HNXX0.</u> 00_;Test Date		
Test Vehicle or English Equivalent Inertial Test Fuel Type: IC	gine: Mode Mass(kg):_ <u>01</u> oment (e.g.,	i TRX500FMII N/A RLF(I	D: <u>TE31E-8000</u> Nt): <u>N/A</u> Tr i, special coup	/A ; Ca 042 Ra rans: M5	ated Power, h	p: <u>26.9@60</u> 	00 ;Test Date	9 <u>: 09/11/200</u>	
Test Vehicle or English Federal Test Fuel Type: IC Special Test Equip Optional ATV ce	gine : Mode Mass(kg):_ 01 oment (e.g., ertification u	el TRX500FMII N/A RLF(I cooling fans Ising ULGE t	D: TE31E-8000 Nt): N/A To The Text Text Text Text Text Text Text Tex	/A ; Ca 042 Ra rans: M5 lings, etc.); `	ated Power, h MPG: Yes/No: <u>Yes</u>	np: <u>26.9@60</u> 	00_;Test Date	e: 09/11/200 elow:	
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Model Year: 2007

Manufacturer Name:

HONDA MOTOR CO., LTD.

Engine Family: 7HNXX0.48AR1

EMISSION-COMPLIANT OFF-ROAD MC & ATV SUPPLEMENTAL INFO

Page: Issued:

03/13/2006

Revised:

E.O.#: U-M-003-0/88

`11.MODEL SUMMARY (Use an asterisk(*) to identify worst-case vehicle or engine model used for certification testing.)

S12. Vehicle model	S13. Engine Code	S14. Sales Code		s e	S15. Eng. Displ. (cc)	S16. Rated Power (hp)	S17. Rated Speed (RPM)	S18. Trans. (e.g., M5, A3, CVT)	S19. EIM (kg)	S20. RLF (nt)
		Calif. Only	49- Stale	50- State]			
TRX500FM	75M1			Х	475	26.9	6000	M5	N/A	N/A
TRX500FE	75M2			Х	475	26.9	6000	M5	N/A	N/A
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